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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/806,397	03/23/2004	Wataru Saito	250927US2S	2359
22850	7590	08/04/2005	EXAMINER	
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			PRENTY, MARK V	
			ART UNIT	PAPER NUMBER
			2822	

DATE MAILED: 08/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

H.D

Office Action Summary	Application No. 10/806,397	Applicant(s) SAITO ET AL.	
	Examiner MARK PRENTY	Art Unit 2822	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☒ Claim(s) 1-22 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>March 23, 2004</u> | 6) <input type="checkbox"/> Other: _____ |

This Office Action is in response to the papers filed on March 23, 2004.

The Abstract is objected to because " $0 = X = 1$ " and " $0 = Y = 1$ " should read " $0 \leq X \leq 1$ " and " $0 \leq Y \leq 1$," respectively. Correction is required.

The specification is objected to because " $0 = X = 1$," " $0 = Y = 1$ " and " $0 = Z = 1$ " (throughout pages 4, 5, 11, 19, 20, 23 and 24) should read " $0 \leq X \leq 1$," " $0 \leq Y \leq 1$ " and " $0 \leq Z \leq 1$," respectively. Correction is required.

Independent claim 1 is objected to because " $0 = X = 1$ " and " $0 = Y = 1$ " should read " $0 \leq X \leq 1$ " and read " $0 \leq Y \leq 1$," respectively.

Claims 2-10 depend on claim 1 and are thus similarly objected to.

Independent claim 11 is objected to because " $0 = X = 1$," " $0 = Y = 1$ " and " $0 = Z = 1$ " should read " $0 \leq X \leq 1$," " $0 \leq Y \leq 1$ " and " $0 \leq Z \leq 1$," respectively.

Claims 12-17 depend on claim 11 and are thus similarly objected to.

Claim 14 is further objected to because " $0 = X = 1$ " should read " $0 \leq X \leq 1$ ".

Independent claim 18 is objected to because " $0 = X = 1$ " and " $0 = Y = 1$ " should read " $0 \leq X \leq 1$ " and read " $0 \leq Y \leq 1$," respectively.

Claims 19-22 depend on claim 18 and are thus similarly objected to.

Claim 22 is further objected to because " $0 = Z = 1$ " should read " $0 \leq Z \leq 1$ ".

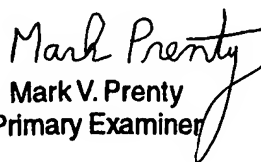
Claims 1-22 are otherwise apparently allowable over the prior art of record.

The prior art of record does not disclose or suggest the allowable power semiconductor device taken as a whole, including the field plate electrodes.

United States Patent Application Publication 2005/0062069 is related to this application.

Art Unit: 2822

Registered practitioners can telephone the examiner at (571) 272-1843. Any voicemail message left for the examiner must include the name and registration number of the registered practitioner calling, and the Application/Control (Serial) Number. Technology Center 2800's general telephone number is (571) 272-2800.


Mark V. Prenty
Primary Examiner